

## ABSTRACT

1       A micrometer-scaled van de Graaf that may be used to supply electrical current to  
2 other micrometer-scaled or nanometer-scaled devices. The van de Graaf includes a  
3 moveable component that can oscillate between a charged particle source near a first  
4 protrusion and a charged particle drain near a second protrusion. Also, a method of  
5 transferring electric charge between the charged particle source and the charged particle  
6 drain by using the van de Graaf. Further, a method of manufacturing the micrometer-  
7 scaled van de Graaf.

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